



U.S. Department
of Transportation
**Federal Aviation
Administration**

ADMINISTRATOR'S FACT BOOK

JULY 2000

Produced by: APF-100
Updated Quarterly

Web site: <http://www.atctraining.faa.gov/factbook>



FAA VISION

To provide the safest, most efficient and responsive aerospace system in the world, and to be the best Federal employer, continuously improving service to customers and employees.

FAA Mission

FAA provides a safe, secure, and efficient global aerospace system that contributes to national security and the promotion of US aerospace safety.

As the leading authority in the international aerospace community, FAA is responsive to the dynamic nature of customer needs, economic conditions, and environmental concerns.

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For further information call APF-100 (202-267-9946)

*Updated this issue

Distribution: A-WXYZE-3; A-FOF-O(STD)

Aviation Accidents by Type of Operation

Type of Operation	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Large Air Carrier	1999	4	5	4	2	4	7	6	3	7	5	3	2	52
	2000	2	7	6	5	3								23
Commuter	1999	0	0	1	2	0	1	0	0	2	4	0	3	13
	2000	0	4	3	0	1								8
Air Taxi	1999	6	7	7	10	0	8	3	11	7	5	6	7	77
	2000	5	5	6	6	7								29
General Aviation	1999	91	98	118	144	224	197	245	234	200	139	103	115	1,908
	2000	89	105	122	131	167								614
Rotorcraft*	1999	9	15	12	15	9	31	18	19	25	19	16	11	199
	2000	14	12	20	21	26								93

* Part 135 and US registered general aviation rotocraft accidents.

Note: Preliminary data and subject to change.

As of: 6/19/00

Source: AAI-200

267-9062

Aviation Accident Rates by Type of Operation

Type of Operation	1996		1997		1998		1999		% Chg 97-98	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Large Air Carriers.....	38	.28	48	.31	50	.29	52	.29	4%	0%
Commuter.....	11	.40	16	1.60	8	2.30	13	4.80	63%	109%
Air Taxi.....	90	4.44	83	3.64	78	3.03	77	2.71	-1%	-11%
General Aviation.....	1,907	7.67	1,855	7.28	1,908	7.12	1,908	7.05	0%	-1%

Accident Rates are per 100,000 Flight Hours

Rotocraft rates discontinued, currently under review.

Note: Preliminary data and subject to change.

As of: 6/19/00

Source: AAI-200

267-9062

Airspace Incidents by Incident Type

Incident Type	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Near Midair Collisions	1999	19	18	24	19	18	22	23	30	21	24	20	14	252
	2000	14	15	27	18	24								98
Pilot Deviations	1999	112	109	109	130	128	143	188	135	137	171	131	152	1,645
	2000	126	154	180	186	191								837
Operational Errors	1999	60	68	86	81	76	74	94	97	77	104	70	105	992
	2000	65	85	102	93	118								463
Vehicle Pedestrian Deviations	1999	21	18	33	30	28	35	40	46	47	49	23	30	400
	2000	41	45	36	45	43								210
Surface Incidents	1999	67	52	69	78	85	90	115	100	109	116	78	99	1,058
	2000	85	107	112	114	122								540
Runway Incursions*	1999	29	21	17	22	29	29	39	23	33	24	25	31	322
	2000	23	24	36	33	36								152

Note: Preliminary data and subject to change.

Source: ATX-400

267-9630

*ATS-20

493-4307

As of: 6/5/00

*As of: 6/20/00

Airspace Incident Rates by Incident Type

Incident Type	Percent Change									
	1996		1997		1998		1999		1998 - 1999 (4)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Operational Errors (1).....	791	.53	790	.51	894	.56	992	.61	11%	9%
Pilot Deviations (2).....	1,275	.86	1,494	.97	1,591	1.00	1,645	1.00	3%	0%
Surface Incidents (3)	692	1.12	813	1.26	832	1.26	1,058	1.54	27%	22%
Runway Incursions (3)*...	275	.45	292	.45	325	.49	322	.47	-1%	-4%

(1) Per 100,000 Facility Activities

(2) Per 100,000 Flight Hours

(3) Per 100,000 Airport Operations

(4) Calculations use fifteen decimal places for rates (rounded two places for display).

Note: Preliminary data subject to change.

As of: 6/5/00

*As of 6/20/00

Source: ATX-400

267-9630

*ATS-20

493-4307

Worldwide Hijackings

Incidents	Jan-May 2000	CY 1999	CY 1998	CY 1997
U.S. Sched. Air Carrier Aircraft.....	0	0	0	0
U.S. General Aviation Aircraft.....	0	0	0	0
Foreign Aircraft.....	5	12	9	11

Preliminary data.
As of: 5/31/00

Source: ACI-200
267-3483

National Transportation Safety Board

1998 U.S. Transportation Fatalities

	1997 ¹	1998
Highway		
Passenger cars.....	22,200	21,240
Light Trucks and Vans.....	10,257	10,760
Pedestrians.....	5,321	5,254 ¹
Motorcycles.....	2,116	2,242
Pedalcycles.....	814	794
Medium and heavy trucks.....	753	723
Buses.....	18	27
All Other.....	534	440
Total.....	42,013	41,480
Grade Crossings ²	(461)	(431)
Rail		
Intercity		
Trespassers and Nontrespassers..... ³	590	601
Employees and Contractors.....	48	34
Passengers on trains.....	6	4
Light and commuter rail..... ⁴⁻⁵	105	192
Total.....	749	831
Marine		
Recreational Boating.....	821	808
Cargo Transport.....	36	24
Commercial fishing..... ⁶	54	76
Total.....	911	908
Aviation		
General Aviation.....	646	621
Airlines.....	8	1
Air Taxi.....	40	45
Commuter.....	46	0
Foreign/Unregistered..... ⁷	236	16
Total.....	976	683
Pipeline		
Gas.....	10	17
Liquids.....	0	1
Total.....	10	18
GRAND TOTAL.....	44,659	43,920

1 1997 figures are preliminary estimates supplied by modal agencies within DOT.

2 Grade crossing fatalities are not counted as a separate category for determining the grand totals because they are included in the highway and rail categories, as appropriate.

3 Does not include motor vehicle occupants killed at grade crossings.

4 1998 figure includes heavy rail fatalities (54) reported by the Federal Transit Administration (FTA).

5 Fatalities reported to the FTA for commuter rail operations may also be reported to the Federal Rail Administration and included in the intercity railroad fatalities.

6 Refers to only operational fatalities.

7 Includes non-U.S. registered aircraft involved in accidents in the U.S.

Air Traffic

FAA Air Traffic Activity (In Thousands)

Aircraft Handled by	Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999
FAA ARTCC's			
Air Carrier.....	8,190	7,867	24,324
Air Taxi.....	2,659	2,511	7,822
General Aviation.....	2,869	2,822	8,769
Military.....	1,397	1,365	4,021
TOTAL....	15,115	14,565	44,936
Airport Operations			
Logged by FAA Towers			
Air Carrier.....	4,811	4,692	14,591
Air Taxi.....	2,872	2,959	9,177
General Aviation.....	8,052	8,949	28,658
Military.....	638	729	2,148
TOTAL....	16,373	17,329	54,574
Instrument Operations			
Logged by FAA Towers			
Air Carrier.....	5,061	5,120	16,002
Air Taxi.....	3,390	3,616	11,104
General Aviation.....	6,058	6,254	20,732
Military.....	1,079	1,157	3,456
TOTAL....	15,588	16,147	51,294
Flight Services			
Logged by:			
Flight Service Stations.....	201	197	803
Automated Flight Service Stations.....	8,713	10,682	33,028
TOTAL....	8,914	10,879	33,831

*Preliminary
As of: 4/30/00

Source: APO-130
267-9942

Air Route Traffic Control Center Activity

CY 99 Rank	Center	Aircraft Handled (000's)		
		Jan-Apr 2000*	Jan-Apr 99	Jan-Dec 99
1	Cleveland, OH.....	1,023	982	3,147
2	Chicago, IL.....	934	900	2,868
3	Atlanta, GA.....	979	935	2,842
4	New York, NY.....	948	903	2,827
5	Washington, DC.....	895	845	2,657
6	Indianapolis, IN.....	862	838	2,637
7	Jacksonville, FL.....	812	787	2,200
8	Kansas City, KS.....	709	701	2,191
9	Fort Worth, TX.....	731	712	2,188
10	Memphis, TN.....	722	707	2,181
11	Miami, FL.....	791	790	2,157
12	Minneapolis, MN.....	672	656	2,125
13	Los Angeles, CA.....	725	690	2,097
14	Albuquerque, NM.....	738	683	2,079
15	Houston, TX.....	702	684	2,035
16	Boston, MA.....	584	566	1,860
17	Denver, CO.....	566	542	1,668
18	Oakland, CA.....	553	527	1,631
19	Seattle, WA.....	465	448	1,435
20	Salt Lake City, UT.....	503	452	1,432
21	Anchorage, AK.....	165	183	576
22	Guam **	36	34	102

*Preliminary

**Center Radar Approach Control (CERAP)

Source: APO-130
267-3350

As of: 4/30/00

50 Busiest FAA Airport Traffic Control Towers

CY 99 Rank	Tower and State	Airport Operations (000's)		
		Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999
1	Atlanta International, GA.....	306	295	910
2	Chicago/O'Hare Int'l., IL.....	295	287	897
3	Dallas/Ft. Worth Int'l., TX.....	284	280	867
4	Los Angeles Int'l, CA.....	252	249	779
5	Van Nuys, CA.....	173	181	599
6	Phoenix Sky Harbor Int'l, AZ.....	213	185	564
7	Detroit Metro Wayne Co., MI.....	183	179	560
8	Las Vegas/McCarran Int'l, NV.....	191	170	543
9	Metropolitan Oakland Int'l.....	154	159	524
10	Miami International, FL.....	180	181	517
11	Minneapolis-St. Paul Int'l, MN.....	168	163	510
12	Boston/Logan Int'l, MA.....	158	154	502
13	Lambert-St. Louis Int'l, MO.....	160	162	501
14	Denver International, CO ¹	128	162	501
15	Long Beach/Daugherty, CA.....	134	160	499
16	Washington Dulles Int'l, VA.....	163	141	483
17	Philadelphia Int'l, PA.....	157	157	480
18	Covington/Cincinnati Int'l, KY.....	158	149	476
19	Santa Ana/John Wayne, CA.....	130	144	471
20	Houston/G Bush Intercont'l, TX.....	159	151	463
21	Newark International, NJ.....	150	150	463
22	Charlotte/Douglas Int'l, NC.....	148	145	445
23	San Francisco Int'l, CA.....	141	139	440
24	Pittsburgh International, PA.....	145	141	438
25	Denver/Centennial ¹	97	120	436

*Preliminary ¹ Missing 2000 data

Source: APO-130
267-3350

As of: 4/30/00

50 Busiest FAA Airport Traffic Control Towers

CY 99 Rank	Tower and State	Airport Operations (000's)		
		Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999
26	Seattle Tacoma Int'l, WA.....	140	135	434
27	Pontiac/Oakland Co. Int'l, MI.....	120	120	375
28	Memphis International, TN ¹	88	119	375
29	Salt Lake City Int'l, UT.....	122	119	369
30	La Guardia, NY.....	124	122	368
31	Orlando International, FL.....	121	125	364
32	Orlando/Sanford, FL.....	130	137	363
33	Daytona Beach, FL.....	112	111	363
34	John F. Kennedy Int'l, NY ¹	71	88	356
35	Honolulu International, HI.....	112	113	346
36	Fort Worth Meacham, TX.....	101	95	338
37	Prescott/E. A. Love Field, AZ.....	124	131	337
38	Washington National, DC.....	110	108	335
39	Seattle/Boeing Field, WA.....	80	88	327
40	Portland International, OR.....	103	101	322
41	Cleveland Hopkins Int'l, OH.....	110	99	321
42	Anchorage International, AK.....	81	76	311
43	San Jose International, CA.....	95	99	305
44	Baltimore/Wash. Int'l, MD.....	96	97	303
45	Chicago Midway, IL.....	97	90	298
46	Carlsbad/McClellan Pal., CA.....	82	102	292
47	Raleigh/Durham Int'l, NC.....	94	92	291
48	Phoenix-Deer Valley, AZ.....	94	105	262
49	Fort Lauderdale/Hollywood, FL.....	102	101	281
50	Tucson International, AZ.....	89	97	279

50 Busiest Radar Approach Control Facilities

CY 99 Rank	Facilities/State	Instrument Ops (000s)		
		Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999
1	Southern Calif. TRACON, CA.....	782	735	2,333
2	New York TRACON, NY.....	641	633	2,075
3	Dallas/Ft Worth , TRACON, TX....	457	444	1,382
4	Chicago TRACON, IL.....	447	422	1,363
5	Atlanta International, GA.....	384	368	1,139
6	Bay TRACON, CA ¹	156	333	1,072
7	Miami International, FL.....	353	351	982
8	Houston TRACON, TX.....	284	275	845
9	Detroit TRACON, MI.....	246	243	787
10	Washington Dulles Int'l, VA.....	262	241	744
11	Phoenix TRACON, AZ.....	243	222	734
12	Philadelphia International, PA.....	222	215	691
13	Minneapolis TRACON, MN.....	218	218	690
14	Denver TRACON, CO.....	173	218	681
15	Las Vegas TRACON, NV.....	153	206	678
16	St Louis TRACON, MO.....	142	184	650
17	Orlando International, FL.....	227	222	641
18	Boston TRACON, MA.....	241	210	619
19	Washington National, DC.....	138	185	612
20	Covington/Cincinnati Int'l, KY.....	176	173	607
21	Seattle/Tacoma TRACON, WA.....	199	188	601
22	San Juan CERAP, PR.....	221	210	589
23	Tampa International, FL.....	202	193	579
24	Daytona Beach Int'l, FL.....	185	180	573
25	Charlotte/Douglas Int'l, NC.....	164	166	562

* Preliminary ¹Missing 2000 data

Source: APO-130
267-3350

As of: 4/30/00

50 Busiest Radar Approach Control Facilities

CY 99 Rank	Facilities/State	Instrument Ops (000's)		
		Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999
26	Salt Lake City TRACON, UT.....	214	208	554
27	Pittsburgh International, PA.....	164	183	546
28	Baltimore-Washington Int'l, MD.....	128	173	535
29	Jacksonville Int'l, FL.....	169	162	506
30	Honolulu CERAP, HI.....	132	130	505
31	Memphis International, TN.....	222	206	462
32	Sacramento RAPCON, CA ¹	113	143	449
33	San Antonio Int'l, TX.....	145	141	443
34	Cleveland Hopkins Int'l, OH.....	136	123	412
35	Yankee TRACON, CT.....	116	115	395
36	Dayton International, OH ¹	84	118	389
37	Port Columbus Int'l, OH.....	121	115	380
38	Portland TRACON, OR ¹	88	115	376
39	Corpus Christi, TX.....	112	112	368
40	Raleigh-Durham Int'l, NC.....	126	123	367
41	Indianapolis Int'l, IN.....	107	103	362
42	Pensacola TRACON, FL ¹	80	108	358
43	Palm Beach International, FL.....	119	112	350
44	Honolulu International, HI.....	146	128	350
45	Austin, TX.....	110	108	342
46	Milwaukee/Gen Mitchell Intl, WI ¹	95	86	342
47	Kansas City International, MO.....	118	113	341
48	Anchorage TRACON, AK.....	114	113	326
49	Oklahoma City/Will Rogers, Ok.....	83	100	320
50	Richmond International, VA.....	98	102	318

Automated Flight Service Stations Activity

CY 99 Rank	AFSS/State	Flight Services (000's)		
		Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999*
1	Miami AIFSS, FL ¹	238	486	1,332
2	St. Petersburg, FL.....	434	421	1,166
3	Lansing, MI.....	181	263	929
4	Fort Worth, TX.....	280	299	867
5	Seattle, WA ¹	151	205	760
6	Terre Haute, IN ¹	120	242	751
7	Bridgeport, CT ¹	127	182	737
8	Columbia, MO ¹	165	234	732
9	Raleigh, NC.....	205	235	732
10	Kankakee, IL ¹	143	214	715
11	Denver, CO ¹	164	218	698
12	Princeton, MN ¹	143	191	694
13	Macon, GA.....	211	253	691
14	Leesburg, VA.....	192	203	671
15	Green Bay, WI ¹	88	173	667
16	Prescott, AZ.....	232	229	645
17	San Angelo, TX.....	216	218	629
18	Anderson, SC.....	203	198	828
19	Gainesville, FL ¹	133	243	532
20	Millville, NJ.....	163	174	601
21	Williamsport, PA.....	164	169	598
22	Anniston, AL ¹	129	195	528
23	Conroe, TX.....	185	202	563
24	Oakland AIFSS, CA.....	174	176	555
25	Dayton, OH ¹	84	204	540
26	Kenai AIFSS, AK.....	126	120	536
27	Altoona, PA.....	141	140	508
28	Mc Alester, OK.....	159	174	499
29	Albuquerque, NM.....	154	152	479
30	Nashville, TN.....	126	164	470

* Preliminary ¹ Missing 2000 data

Source: APO-130
267-3350

Automated International Flight Service Station--AIFSS

As of: 4/30/00

Automated Flight Service Stations Activity

CY 99 Rank	AFSS/State	Flight Services (000's)		
		Jan-Apr 2000*	Jan-Apr 1999	Jan-Dec 1999*
31	Cleveland, OH.....	93	129	463
32	Riverside, CA.....	156	167	463
33	Hawthorne, CA.....	148	155	458
34	Wichita, KS ¹	101	154	457
35	Jonesboro, AR.....	139	148	433
36	Burlington, VT.....	80	106	405
37	Rancho Murieta, CA.....	127	126	398
38	San Diego, CA.....	126	140	381
39	Mc Minnville, OR ¹	50	107	379
40	Fort Dodge, IA ¹	78	110	376
41	St. Louis, MO ¹	78	114	369
42	De Ridder, LA.....	124	134	362
43	Cedar City, UT ¹	83	109	353
44	Louisville, KY.....	103	113	323
45	Bangor, ME ¹	64	90	348
46	Buffalo, NY.....	82	92	337
47	Islip AIFSS, NY.....	89	92	332
48	Columbus, NE ¹	84	93	328
49	San Juan AIFSS, PR.....	118	108	323
50	Reno, NV.....	108	104	320
51	Grand Forks, ND ¹	78	103	308
52	Greenwood, MS ¹	66	96	286
53	Huron, SD ¹	52	82	269
54	Elkins, WV ¹	76	77	267
55	Great Falls, MT ¹	54	74	264
56	Jackson, TN.....	80	89	260
57	Fairbanks, AK.....	57	56	221
58	Honolulu, HI.....	73	76	215
59	Boise, ID ¹	40	56	195
60	Casper, WY ¹	36	55	193
61	Juneau, AK.....	32	32	149

Airports

Number of U.S. Airports ¹ (As of December 31)

	1999	1998	1997
Total Airports.....	19,098	18,770	18,345
Public Use Airports.....	5,324	5,352	5,357
# with Paved Runways.....	3,949	3,970	3,963
# with Unpaved Runways.....	1,375	1,382	1,394
# with Lighted Runways.....	4,051	4,005	3,999
# with Unlighted Runways.....	1,273	1,347	1,358
Private Use Airports.....	13,774	13,418	12,988
# with Paved Runways.....	4,384	4,451	4,285
# with Unpaved Runways.....	9,390	8,967	8,703
# with Lighted Runways.....	918	840	833
# with Unlighted Runways.....	12,856	12,578	12,155
Public use airports abandoned.....	17	24	25
Private use airports abandoned.....	109	92	83
Certificated Airports*.....	655	660	660
Civil	565	566	566
Military	90	94	94

¹ Includes civil and joint-use civil-military airports, heliports, STOLports, and seaplane bases in the U.S. and its territories.

² Preliminary

* Certificated airports serve Air Carrier Operations with aircraft seating more than 30 passengers. (FAR Part 139).

Source: AAS-330
267-8752

As of: 12/31/99

National Airspace Total System Delays

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
2000	26,015	27,208	32,205	35,332									120,760
1999	24,345	19,851	23,180	34,046	39,533	41,602	45,162	37,189	32,833	28,223	23,330	24,822	374,116
1998	27,623	24,855	24,159	22,563	29,187	37,093	25,672	30,549	20,194	23,988	20,439	19,912	306,234 r/
1997	21,588	15,856	15,055	17,453	19,177	25,068	26,193	24,816	19,388	17,812	22,337	20,516	245,259 r/
1996	25,082	18,955	18,598	19,303	22,200	29,776	25,544	24,203	25,422	21,452	17,294	23,678	271,507 r/



Delays of 15 minutes or longer
r/ Revised

As of: 5/16/00

Source: ATT-220
703-904-4470

Aircraft

U.S. Air Carrier Activity

	CY 1999	CY 1998	CY 1997
Total Number of Aircraft¹.....	19,145	18,754	17,990
Type of Carrier			
Domestic, flag, supplemental, scheduled, cargo air carriers, and commercial	7,094	6,959	6,681
Commuter Air Carriers and Air	12,051	11,795	11,309
Total Number of Aircraft¹.....	19,145	18,754	17,990
Type of Aircraft			
Jet.....	7,270	6,865	6,464
Turboprop.....	3,740	3,535	3,207
Piston.....	5,757	6,065	6,167
Rotary	2,378	2,289	2,152
Air Carrier Traffic Statistics² (Millions)*			
Passenger miles	668,169	635,517	605,434
Passenger	635	613	599
Ton	86,800	82,304	81,057
Aircraft miles	6,161	5,838	5,679
Passenger load factor ³			
Domestic.....	68.9%	70.0%	69.1%
International.....	74.4%	72.8%	74.1%

¹ Source: Vital Information System

² Includes domestic and international scheduled service, of Certificated Route Air Carriers only.

³ Proportion of aircraft seating capacity that is sold.

As of: 12/31/99

Source: AFS-40

267-3433

*BTS (K-25)

366-8513

U.S. General Aviation and Air Taxi Activity

(Calendar Years)

	Estimated Active Aircraft (thousands)		Estimated Hours Flown (Millions)	
	1998	1997	1997	1997
Total	204.7	192.4	28.1	27.7
By Type Aircraft				
Piston.....	163.0	156.1	20.4	20.7
Turboprop.....	6.2	5.6	1.8	1.7
Jet.....	6.1	5.2	2.2	1.7
Rotary Wing.....	7.4	6.8	2.3	2.1
Other.....	5.6	4.1	0.3	0.2
Experimental.....	16.5	14.7	1.1	1.3
By Type Flying				
Public Use**	4.0	4.1	1.4	1.1
Corporate.....	11.3	10.4	3.2	2.9
Business.....	32.6	27.7	3.5	3.0
Personal.....	124.3	115.6	9.8	9.6
Instructional.....	11.4	14.7	4.0	5.0
Air Taxi.....	4.9	4.8	2.4	2.0
Aerial Application.....	4.6	4.9	1.3	1.6
Aerial Observation.....	3.2	3.3	0.8	1.3
Sight Seeing.....	0.7	0.7	0.2	0.1
Air Tours.....	0.3	0.2	0.2	0.1
External Load.....	0.3	0.2	0.2	0.1
Other Work Use.....	1.1	0.7	0.3	0.1
Other.....	6.0	5.3	0.9	0.8

As of: 12/31/98

Source: APO-110
493-4236

Aircraft Certification Service

Aircraft Certification Mission and Program Profiles

	FY 1999	FY 1998
Type Certificates/Supplemental Type Certificates		
Issued.....	1,790	1,737
Other Design Approvals Issued.....	5,960	5,908
Production Approvals (Including Amendments) Issued.....	2,720	2,710
Airworthiness Certificates Issued.....	2,820	2,804
New Airworthiness Directives (AD) Issued.....	474	551
New Designees (Representative of the Administrator)		
Appointed.....	1,195	1,190
Total Active Designees.....	4,594	4,605

As of: 9/30/99

Source: AIR-503
267-7260

Active Pilots and Nonpilots (As of 31 December)

	1998		1997	
	Total	Women	Total	Women
Pilot-Total.....	618,298	35,762	616,340	35,531
Student.....	97,736	11,289	96,101	11,217
Private.....	247,226	14,152	247,602	14,257
Commercial.....	122,053	5,366	125,300	5,392
Airline Transport.....	134,612	3,848	130,858	3,572
Other ¹	16,671	1,107	16,479	1,093
Nonpilot-Total².....	549,588	15,380	540,892	14,562
Mechanic.....	336,670	4,483	332,254	4,197
Repair Men/Women.....	52,909	1,940	51,643	1,861
Ground Instructor.....	70,334	4,904	69,366	4,758
Flight Engineer.....	63,700	1,841	62,544	1,725
Other ³	25,975	2,212	25,085	2,021
Flight Instructor.....	79,171	4,926	78,102	4,763

¹ Includes helicopter (only) & glider (only), and recreational pilot certificates.

² Excludes non-pilots 70 years old or over in all certificate types except flight engineers and flight navigators.

³ Includes flight navigators, parachute riggers, and dispatchers.

As of 12/31/98

Source: APO-110
267-7924

Industry Trends

Scheduled U.S. Air Carrier Traffic and Financial Trends

	1st Qtr. FY 2000	1st Qtr. FY 1999	Numerical Change	Percent Change
TRAFFIC				
ASM'S (in millions)				
Majors.....	217,870	208,764	9,106	4.4
Nationals.....	13,479	12,076	1,403	11.6
Regionals.....	235	579	(344)	(59.4)
Totals.....	231,584	221,419	10,165	4.6
RPM's (in millions)				
Majors.....	150,971	143,238	7,733	5.4
Nationals.....	8,599	7,516	1,083	14.4
Regionals.....	115	313	(198)	(63.3)
Totals.....	159,685	151,067	8,618	5.7
Load Factor (in percent)				
Majors.....	69.3	68.6	0.7	
Nationals.....	63.8	62.2	1.6	
Regionals.....	48.9	54.1	(5.2)	
Totals.....	69.0	68.2	0.8	
FINANCIAL				
Revenues (in millions)				
Majors.....	\$26,704	\$25,288	\$1,416	5.6
Nationals.....	2,613	2,697	(84)	(3.1)
Regionals.....	122	176	(54)	(30.7)
Totals.....	\$29,439	\$28,161	1,278	4.5
Expenses (in millions)				
Majors.....	\$25,985	\$23,886	\$2,099	8.8
Nationals.....	2,491	2,505	(14)	(0.6)
Regionals.....	116	183	(67)	(36.6)
Totals.....	\$28,592	\$26,574	2,018	7.6
Operating Profit/Loss (in millions)				
Majors.....	\$719	\$1,402	(\$683)	
Nationals.....	122	192	-70	
Regionals.....	6	(7)	13	
Totals.....	\$847	\$1,587	(\$740)	

Source: APO-110

493-4236

As of: 4/24/00

U.S. Commercial Space Transportation Financial Trends

	CY 97	CY 98	CY 99 (Projected)
Commercial Launch Revenues (in Millions)			
Small Launch Vehicles	\$55	NA	NA
Large Launch Vehicles	\$885	NA	NA
TOTAL	\$940	\$1,119	\$1,300

NA - not available

As of: 4/16/99

Source: AST-200
267-8308

Aviation Forecasts

Actual Forecast
FY 1999 FY 2003

FAA FACILITY WORKLOAD

Aircraft Handled by FAA ARTCC's (Millions)	44.7	49.0
Air Carrier.....	24.0	26.9
Air Taxi/Commuter.....	7.7	8.5
General Aviation.....	8.8	9.6
Military.....	4.1	4.1
Operations Logged by FAA Towers (Millions)		
Airport.....	68.2	73.9
Instrument.....	51.8	56.5
Flight Services Logged by Flight Services Stations (Millions)		
	32.4	32.2

CIVIL AVIATION ACTIVITY

Certificated Route Air Carrier

Revenue Passenger Enplanements (Millions)....	629.4	713.3
Revenue Passenger Miles (Billions).....	642.8	756.8

Air Carrier Aircraft.....	5,668	6,856
----------------------------------	--------------	--------------

General Aviation Estimated

Hours Flown (Millions)*.....	29.8	32.7
Active Aircraft (Thousands)*.....	206.5	215.1

ESTIMATED FUEL CONSUMED BY U.S. DOMESTIC

CIVIL AVIATION (Millions of Gallons)

Jet Fuel

Air Carrier.....	19,429	22,287
General Aviation.....	888	1,191

Aviation Gas

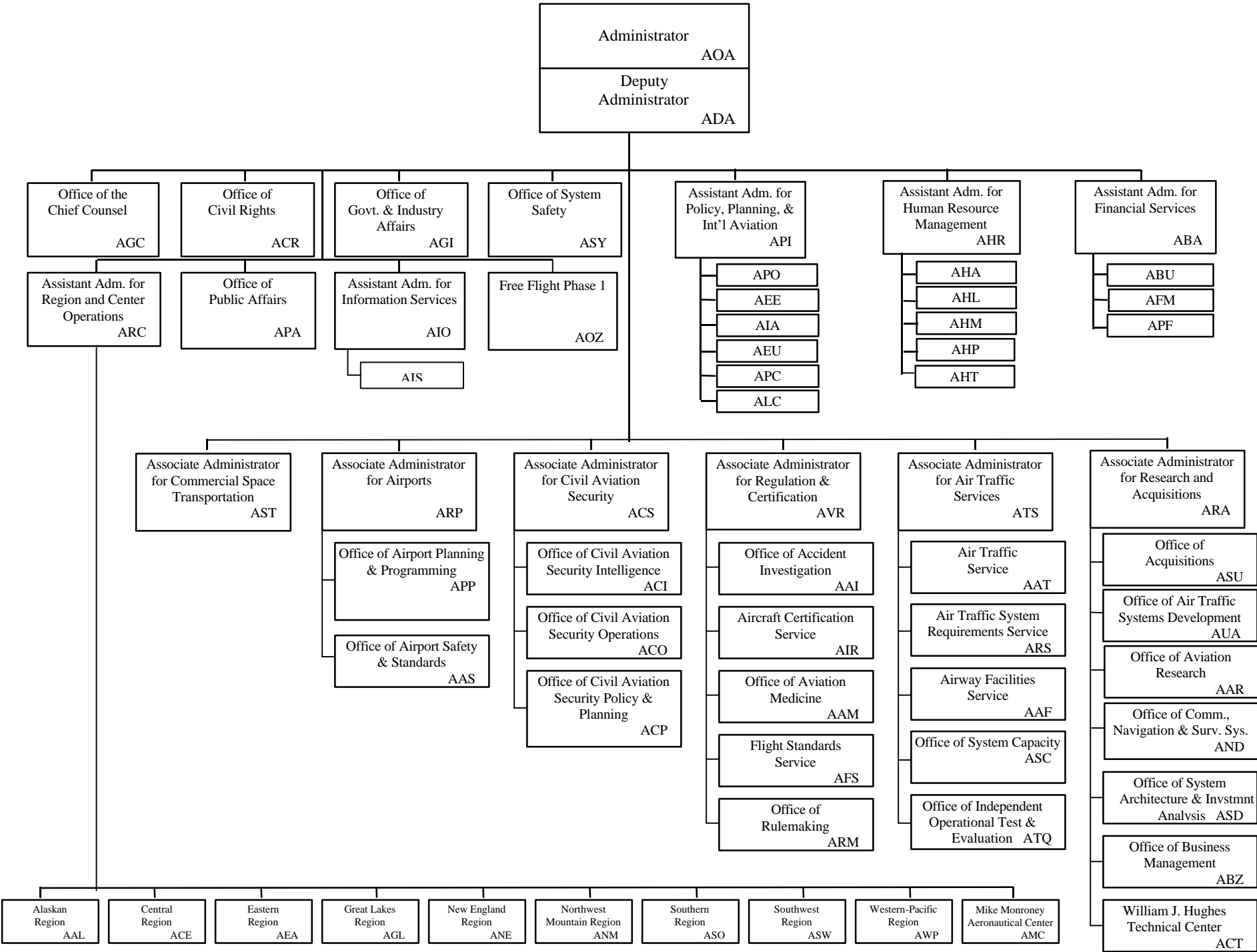
Air Carrier.....	2	2
General Aviation.....	313	331

Active Pilots (Thousands)*	640.1	702.8
---	--------------	--------------

*Calendar Year
As of: 3/2000

Source: APO-110
493-4236

FEDERAL AVIATION ADMINISTRATION



The Associate Administrator for Commercial Space Transportation

Since its establishment in 1984, the primary responsibilities of the Associate Administrator for Commercial Space Transportation (AST) have been to regulate the US commercial space transportation industry and license commercial launches to protect public health and safety, safety of property, national security, and foreign policy interests of the US. The Office is also responsible for encouraging, facilitating and promoting commercial launches by the private sector and for regulating non-federal or commercial space launch sites.

Licenses to conduct commercial launches are granted to commercial launch providers who demonstrate evidence of compliance with all safety regulations and other requirements for conducting commercial space launch activities. Licensees must also have sufficient insurance or financial resources to cover any probable losses from a launch mishap.

Licensed commercial launches are currently conducted at federal launch sites including Cape Canaveral Air Station, Florida; Vandenberg Air Force Base, California; Wallops Flight Facility, Wallops Island, Virginia; and White Sands Missile Range, New Mexico. Four non-federal or commercial sites are now licensed and operational to allow licensed commercial launches and other launch operations. They are the California Spaceport, located at Vandenberg Air Force Base; Spaceport Florida Authority, located at Cape Canaveral; the Virginia Space Flight Center, located on Wallops Island, Virginia; and the Kodiak Launch Complex, located on Kodiak Island, Alaska. The state of New Mexico has a proposal for the development of the Southwest Regional Spaceport in south central New Mexico.

AST Programs and Initiatives

Regulatory and Safety Program

- Licensing, Rulemaking, Insurance Determinations/Risk Assessment, Environmental Compliance, Standards, Compliance Monitoring, Enforcement, Safety Research, Reentry Spacecraft and Operations.

Other Programs and Initiatives

- Launch Technology Development, Customer Service, Industry and Market Analysis, Federal Space Policy Development, International Launch Trade Policy, Community and Educational Outreach

Research Areas

- Flight Safety, Launch Sites, Payload Safety, Standards, GPS, Environmental Issues, Space Safety including Orbital Debris.

World Wide Web Address:

<http://AST.faa.gov/>

U.S. Commercial Space Transportation Activity and AST Licensing

FY 1998	FY 1999	FY 2000 (Projected)
------------	------------	---------------------------

Licensed Commercial Launches

TOTAL	22	18	16
Number of Orbital Launches	22 ¹	18	15
Number of Sub-Orbital Launches	0	0	1

By Launch Vehicle Type

Delta Family (Boeing Company)	11	7	2
Atlas Family (Lockheed Martin)	5	5	5
Pegasus (Orbital Sciences Corp.)	4	2	3
Athena 1&2 (Lockheed Martin)	1	3	0
Taurus (Orbital Sciences Corp.)	1	0	4
Zenit (KB Yuzhnoye, Ukraine)	0	1	1
Sassy Flea (Soc. of Amateur Sci.)	0	1	1

By Payload Type

GEO ² Communications Satellites	9	8	7
LEO ³ Communications Satellites	11	5	4
Scientific Satellites	0	3	3
Remote Sensing Satellites	2	3	0
Mirogravity Satellites	0	0	1
Mass Simulator	0	1	1

By Launch Site (Federal)

Cape Canaveral Air Station, FL	11	13	7
Vandenberg AFB, CA	8	4	3
Wallops Flight Facility, VA	3	0	1
White Sands Missile Range, NM	0	0	0
Kwajalein Missile Range	0	1	1

By Launch Site (Commercial)

California Spaceport	0	0	0
Spaceport Florida Authority	1	0	0
Virginia Space Flight Center	0	0	0
Pacific Ocean Platform	0	1	4

Number of Licenses

New	1 ⁴	3	5
Renewal	2	4	1
Amendments	6	18	TBD

¹ Includes one Lunar orbital mission: the Lunar Prospector on a Lockheed Martin Athena Rocket, Jan. 6, 1998.

² GEO: Geosynchronous Earth orbit-approx. 22,300 miles above the equator.

³ LEO: Low Earth Orbit- from 100-1000 nautical miles.

⁴ License issued to Alaska Aerospace Development Corporation for the Kodiak Launch Complex.

United States Commercial Space Launch Schedule, CY 2000

Payload (Country)/ Description	Launch Company/ Vehicle	Launch Date/ Launch Site	Status
HISPASAT-1C (Spain) Comm. Satellite	Lockheed Martin Atlas IIAS	February 3, 2000 Cape Canaveral, FL	Successful (2/3/00)
Globalstar 7(US) LEO Comm. Satellite	The Boeing Co. Delta 7420	February 8, 2000 Cape Canaveral, FL	Successful (2/8/00)
ICO (International) Comm. Satellite	Sea Launch Company Zenit-3SL	March 12, 2000 Pacific Ocean Platform	Launched ¹ (3/12/00)
Eutelsat W4 (Int'l) Comm. Satellite	Lockheed Martin Atlas IIAS	May 24, 2000 Cape Canaveral, FL	Successful (5/24/00)
TSX-5 (US) Scientific Satellite	Orbital Sciences Corp. Pegasus XL	June 6, 2000 Vandenberg AFB, CA	Successful (6/6/00)
ECHOSTAR VI (US) Comm. Satellite	Lockheed Martin Atlas IIAS	3 rd Quarter 2000 Cape Canaveral, FL	
PAS 9 (US) Comm. Satellite	Sea Launch Co. Zenit-3SL	3 rd Quarter 2000 Pacific Ocean Platform	
HETE II (US) Scientific Experiment	Orbital Sciences Corp. Pegasus XL	3 rd Quarter 2000 Kwajalein Missile Range ²	
CATS³ (US) LEO Comm. Satellite	Society of Amateur Scientists Sassy Flea	3 rd Quarter 2000 Vandenberg AFB, CA	
ICO A2 (Int'l) Comm. Satellite	Lockheed Martin Atlas IIAS	3 rd Quarter 2000 Cape Canaveral, FL	
Thuraya-1 (UAE) Comm Satellite	Sea Launch Co. Zenit-3SL	3 rd Quarter 2000 Pacific Ocean Platform	
ICO D1 (Int'l) Comm. Satellite	The Boeing Co. Delta III	4 th Quarter 2000 Cape Canaveral, FL	
DIRECTV-5 (US) Comm. Satellite	Lockheed Martin Atlas IIAS	4 th Quarter 2000 Cape Canaveral, FL	
ICO D2 (Int'l) Comm. Satellite	The Boeing Co. Delta III	4 th Quarter 2000 Cape Canaveral, FL	
ICO A1 (Int'l) Comm. Satellite	Lockheed Martin Atlas IIAS	4 th Quarter 2000 Cape Canaveral, FL	

As of 6/22/00

Source: AST-200
267-8308

United States Commercial Space Launch Schedule, CY 2000

Payload (Country)/ Description	Launch Company/ Vehicle	Launch Date/ Launch Site	Status

¹ The zenit Experienced an upper stage anomaly and the ICO satellite did not achieve orbit.

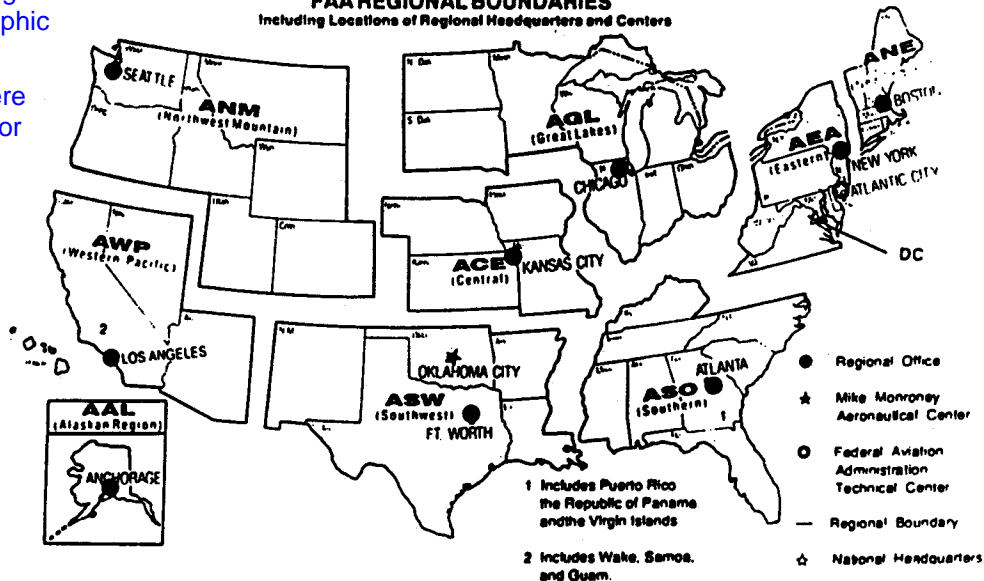
² Located in the Republic of the Marshall Islands

³ CATS—Cheap Access to Space: A prize \$250,000 will be awarded to the first private team that launches a 2 kilogram payload into space, to an altitude of 200 km or higher, within the next 3 years.

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Graphic](#)

**U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
FAA REGIONAL BOUNDARIES**
Including Locations of Regional Headquarters and Centers



Major Work Force Employment

	Employment ¹				
	FY98	FY99	Mar-00	% Change	Actual Change
Air Traffic Controller Work Force ATCS ²	17,728	17,639	17,526	-0.6%	-113
(bargaining unit employees)	14,966	14,902	14,876	-0.2%	-26
Traffic Management Supervisor (TMC)/ Supervisory TMC ²	702	770	731	-5.1%	-39
Operations Supervisors ²	2,060	1,967	1,919	-2.4%	-48
Flight Service Stations	3,104	3,017	2,983	-1.1%	-34
Field Maintenance (210-211 only)	8,338	8,070	7,933	-3.2%	-137
Security Work Force (Airport Security New Hires)	1,167 [275]	1,136	1,116	-2.7%	-20
Airports Work Force	478	480	480	0.4%	0
Research & Acquisition Work Force ³	1,963	1,991	1,968	1.4%	-23
Aircraft Certification	1,024	980	950	-4.3%	-30
Flight Standards Work Force	4,506	4,357	4,226	-3.3%	-131

¹ Full time permanent appointments (operations direct).

² Included in Air Traffic Controller Work Force Total.

³ Includes direct operations, F&E, and R,E&D.

Source: APF-100
267-9946

As of: 3/31/00

FAA Resources

FAA Employment (Permanent Employees)¹

	FY 98	FY 99
Line of Business		
Air Traffic Services (ATS).....	35,789	35,732
Regulation and Certification (AVR).....	5,721	6,030
Civil Aviation Security (ACS).....	1,175	1,156
Airports (ARP).....	483	490
Research and Acquisitions (ARA).....	1,899	1,902
Comm. Space Transportation (AST)....	28	30
Administration (AAD).....	3,073	NA
Staff Offices.....	631	3,728
Total.....	48,799	49,068
Region/Center/Headquarters (included in above total)		
Aeronautical Center.....	1,609	1,605
Alaskan.....	1,449	1,424
Central.....	2,528	2,506
Eastern.....	5,480	5,420
Great Lakes.....	6,149	6,620
New England.....	1,965	1,937
Northwest Mountain.....	4,270	4,237
Southern.....	7,792	7,777
Southwest.....	5,415	5,387
Western-Pacific.....	5,747	5,653
Washington Headquarters (only) ²	3,631	3,665
Washington Headquarters Field ³	1,794	1,851
Technical Center.....	970	986

¹ Full time permanent and part time permanent employees only.

² Washington Headquarters employees physically located in FOB-10A and surrounding areas (i.e. Portals, Market Square, etc.).

³ Washington Headquarters employees physically located in the Field (i.e. Technical Center, Aeronautical Center, etc.)

Source: APF-100

As of: 9/30/99

267-9946

FAA Percent Minority & Female Employment¹

Lines of Business/Region/Center/Headquarters	% Minority		%Female	
	FY 98	FY 99	FY 98	FY 99
AirTraffic Services (ATS).....	15.93	16.20	18.63	18.74
Regulation and Certification (AVR).....	16.99	17.18	29.26	28.73
Civil Aviation Security (ACS).....	26.29	27.59	41.53	42.47
Airports (ARP).....	25.05	24.48	39.33	39.79
Research and Acquisitions (ARA).....	27.33	27.28	37.54	38.06
Commercial Space Transportation (AST).....	39.28	36.66	21.42	23.33
Administration (AAD).....	30.84	NA	52.91	NA
Staff Offices.....	35.02	31.44	52.45	52.80
Total.....	18.04	18.27	23.97	24.08
Aeronautical Center.....	23.79	23.73	40.84	41.43
Alaskan.....	14.07	14.18	25.94	26.05
Central.....	12.81	13.40	24.48	24.66
Eastern.....	14.68	14.74	18.83	19.05
Great Lakes.....	10.76	10.87	19.93	20.25
New England.....	8.24	8.05	21.11	21.21
Northwest Mountain.....	11.49	11.70	22.36	22.42
Southern.....	19.00	19.72	19.95	20.23
Southwest.....	19.66	19.82	20.79	20.62
Western-Pacific.....	26.83	27.79	21.03	20.78
Washington Headquarters (only) ²	32.91	32.85	46.18	46.27
Washington Headquarters Field ³	15.68	15.77	29.74	29.55
Technical Center.....	21.23	20.99	32.06	32.96

¹ Full-time permanent, and part-time permanent employees only (FTE 1111 & 1132).

² Washington Headquarters employees physically located in FOB-10A and surrounding areas (i.e. Portals, Market Square, etc.).

³ Washington Headquarters employees physically located in the Field (i.e. Technical Center, Aeronautical Center, etc.).

As of: 9/30/99

Source: APF-100

267-9946

Labor Relations

	BARGAINING UNITS	LABOR AGREEMENTS	EMPLOYEES REPRESENTED
Unions.....	29	18	34,804
AFGE.....	7	6	1,250
AFSCME (HQ).....	3	0	1,525
LIUNA.....	1	1	170
NAATS.....	1	1	2,390
NAGE.....	2	1	344
NATCA (AT).....	2	1	15,100
NATCA (AF).....	1	1	1,100
NATCA (HQ).....	1	0	100
NFFE.....	2	2	1,000
NUDAI.....	1	0	25
PAACE.....	2	2	400
PASS (AF/EA).....	1	1	7,500
PASS (AVN).....	1	1	250
PASS (FS).....	3	1	3,500
PASS (AIR).....	1	0	150

AFGE --American Federation of Government Employees
 AFSCME --American Federation of State, County, and Municipal Employees
 LIUNA --Laborer's International Union of North America
 NAATS --National Association of Air Traffic Specialists
 NAGE --National Association of Government Employees
 NACTA --National Air Traffic Controllers Association
 NFFE --National Federation of Federal Employees
 NUDAI --National Union of Drug Abatement Inspectors
 PAACE --Professional Association of Aeronautical Center Employees
 PASS --Prefessional Airway System Specialists

Source: AHL-200
 267-3375

As of: 3/15/00

FAA Finances

(In Millions of Dollars)

FY 1999 FY 2000 FY 2001

	Actual	Est.	Est.
Budget Authority			¹
Grants-In-Aid (Obligation Limitation).....	1,950	1,846	1,950
Research, Engineering, & Developm.....	150	156	² 184
Facilities and Equipment.....	2,121	2,045	2,495
Operations.....	5,586	5,893	6,592
Total.....	9,807	9,940	11,221
Obligations Incurred--Operations			
Appropriation by Budget Activity			
Air Traffic Services.....	4,351	4,657	5,210
Regulation and Certification.....	619	644	692
Civil Aviation Security.....	120	131	144
Airports.....	48	0	0
Research and Acquisitions.....	78	176	197
Commercial Space Transportation... ..	6	7	13
Administration.....	264	0	0
Regional Coordination.....	0	95	0
Human Resources.....	0	53	0
Financial Services.....	0	39	0 ³
Staff Offices.....	84	76	336
Essential Air Service.....	0	32	0
Total.....	5,570	5,912	6,592
Airport Grant Obligations (NET)			
Primary Airports & Cargo.....	514	612	613
States/Territories/Insular/Alaska Sup.....	356	353	360
Entitlements.....	0	136	136
Discretionary Fund.....	1,080	750	781
Total.....	1,950	1,851	1,890
Total FAA Outlays.....	9,507	9,748	10,558
Trust Fund Receipts from Excise Taxes			
Passenger Ticket Tax.....	5,941	4,850	4,911
Passenger Flight Segment Tax.....	1,339	1,594	1,809
Waybill Tax.....	412	443	479
Fuel Tax	1,009	854	878
International Departure/Arrival Tax... ..	1,484	1,286	1,367
Rural Airports Tax.....	57	54	57
Frequent Flyer Tax.....	149	141	144
Aviat. User Fees, Legislative proposi.....	0	0	965
Interest on Investment.....	698	762	800
Offsetting Collections.....	32	165	167
Total.....	11,121	10,149	11,577

Numbers may not add due to rounding.

Source: ABU-100

1/ Includes 2000 supplemental request.

267-9070

2/ Reflects \$30 million rescission.

3/ The budget reflects the consolidation of Region/Center

Operations, Human Resources, and Financial Services into Staff Offices in FY 2001

FAA Facilities and Aircraft

(As of December 31)

	1999	1998	1997
Air Navigation Facilities			
VHF Omnidirectional Radio Range ¹	1,026	977	976
Instrument Landing System-LOC ¹	1,248	1,067	1,044
Approach Light System.....	113	108	106
Runway End Identification Light.....	804	761	753
Runway Visual Range Equipment.....	335	363	417
Visual Approach Slope Indicator.....	1,227	1,257	1,273
Air Traffic Control Facilities			
Air Route Traffic Control Center.....	21	21	21
Airport Traffic Control Tower.....	492	467	462
Automated Radar Terminal System....	195	194	197
Flight Service Station.....	77	76	77
Airport Surveillance Radar-Terminal...	235	233	232
Air Route Surveillance Radar-Enroute	120	125	123
Remote Center Air-Ground Facilit ¹	712	714	742
Remote Communications Outlet.....	1,733	1,716	1,702
Direction Finder Equipment.....	132	139	143
FAA Aircraft*	49	48	48

¹Includes Commissioned and Tested

Source: AOP-200
267-5928
AFP-100*

As of: 12/31/99

405-954-6233

FAA Officials

Washington Headquarters

Routing Symbol	Officials
AOA	Administrator Jane F. Garvey, 267-3111 Carl Bureson, Chief of Staff, 267-3111
ADA	Deputy Administrator Monte R. Belger (Actg.), 267-8111 Shirley S. Miller (Actg.), Executive Assistant, 267-8111
AOZ	<i>Free Flight Phase 1</i> <i>Director, Charles E. Keegan, 220-3300</i>
AIO	Assistant Administrator for Information Services Daniel J. Mehan, CIO, 493-4570 Deputy, Arthur Pyster, 493-4570
AIS*	<i>Office of Information Systems</i> <i>Director, Raymond M. Long, 267-7104</i>
ASY	Assistant Administrator for System Safety Christopher A. Hart, 267-3611 Deputy, Daniel C. Hedges (Actg.), 267-3611
AGC	Chief Counsel Nicholas G. Garaufis, 267-3222 Deputy, James Whitlow, 267-3773
ACR	Assistant Administrator for Civil Rights Fanny Rivera, 267-3254 Deputy, Barbara A. Edwards, 267-3264
AGI	Asst. Administrator for Government & Industry Affairs Suzanne Sullivan, 267-3277 Deputy, Robert Wrigley, 267-8211
APA	Assistant Administrator for Public Affairs Eliot Brenner, 267-3883 Deputy, Drucella A. Andersen, 267-3462
API	Asst. Administrator for Policy, Planning, and Intl. Aviat. David Traynham, 267-3033 Deputy, Louise E. Maillett, 267-3927
APO	<i>Office of Aviation Policy and Plans</i> <i>Director, John M. Rodgers, 267-3274</i>
AEE	<i>Office of Environment and Energy</i> <i>Director, James D. Erickson, 267-3576</i>
AIA	<i>Office of International Aviation</i> <i>Director, John Hancock (Actg.), 267-8112</i>
ARC	Assistant Administrator for Region/Center Operations Ruth Leverenz, 817-222-5002 / 202-267-7369

FAA Officials

Washington Headquarters--(Cont)

Routing Symbol	Officials
ABA	Assistant Administrator for Financial Services Donna R. McLean, CFO, 267-9105 Deputy, John F. Hennigan, 267-8928
ABU	<i>Office of Budget</i> <i>Director, J. Brian Riley, 267-8010</i>
AFM	<i>Office of Financial Management</i> <i>Director, Patrick J. Heidenthal (Actg.), 267-7112</i>
APT	<i>Office of Performance Management</i> <i>Director, Randall S. Fiertz (Actg.), 267-7140</i>
AHR	Assistant Administrator for Human Resource Management Glenda Tate, 267-3456 Deputy, Mary Ellen Dix, 267-3850
AHP	<i>Office of Personnel</i> <i>Director, Roger M. Edwards, 267-3850</i>
AHL	<i>Office of Labor & Employee Relations</i> <i>Director, Raymond B. Thoman, 267-3979</i>
AHT	<i>Office of Learning and Development</i> <i>Director, Paul Longenbach, 267-9041</i>
AHM*	<i>Center for Management Development</i> <i>Director, Drucella A. Andersen (Actg.), 904-446-7136</i>
AHA	<i>Accountability Board</i> <i>Director, Barbara J. Smith, 267-8015</i>
AST	Assoc. Adm. for Commercial Space Transportation Patricia Grace Smith, 267-7793 Deputy, Joseph A. Hawkins, 267-7848
ARP	Associate Administrator for Airports Woodie Woodward (Actg.), 267-9471 Deputy, Paul L. Galis, 267-8738
APP	<i>Office of Airport Planning & Programming</i> <i>Director, Catherine M. Lang, 267-8775</i>
AAS	<i>Office of Airport Safety and Standards</i> <i>Director, David L. Bennett, 267-3053</i>
ACS	Associate Administrator for Civil Aviation Security Cathal L. Flynn, 267-9863 Deputy, William S. Davis, 267-3969
ACI	<i>Office of Civil Aviation Security Intelligence</i> <i>Director, Patrick T. McDonnell, 267-9075</i>
ACO	<i>Office of Civil Aviation Security Operations</i> <i>Director, Bruce R. Butterworth, 267-8537</i>
ACP	<i>Office of Civil Aviation Security Policy and Planning</i> <i>Director, Jan Brecht-Clark, 267-8058</i>

FAA Officials

Washington Headquarters--(Cont.)

Routing Symbol	Officials
AVR	Associate Administrator for Regulation & Certification Thomas E. McSweeney, 267-3131 Deputy, Peggy Gilligan, 267-7804
AAI*	<i>Office of Accident Investigation</i> <i>Director, Steven B. Wallace, 267-9612</i>
AIR	<i>Aircraft Certification Service</i> <i>Director, Elizabeth Erickson, 267-8235</i>
AAM	<i>Office of Aviation Medicine</i> <i>Director, Jon L. Jordon, MD, 267-3535</i>
AFS	<i>Flight Standards Service</i> <i>Director, L. Nicholas Lacey, 267-8237</i>
ARM	<i>Office of Rulemaking</i> <i>Director, Anthony F. Fazio, 267-9677</i>
ATS	Associate Administrator for Air Traffic Services Steven J. Brown (Actg.), 267-7111 Deputy, Peter H. Challan, 267-3133
AAI	<i>Air Traffic Service</i> <i>Director, Ronald E. Morgan, 267-3666</i>
AAF*	<i>Airway Facilities Service</i> <i>Director, Alan Moore, 267-8181</i>
ASC	<i>Office of System Capacity and Requirements</i> <i>Director, Paula R. Lewis, 267-7370</i>
ATQ	<i>Independent Operational Test and Evaluation</i> <i>Director, A. Martin Phillips, 267-3341</i>
AKS	<i>Air Traffic System Requirements Service</i> <i>Director, James H. Washington, 493-0248</i>
ARA	Associate Administrator for Research and Acquisitions Steven Zaidman, 267-7222 Deputy, Dennis DeGaetano, 267-7222
ASU	<i>Office of Acquisitions</i> <i>Director, Gilbert B. Devey, 267-8513</i>
AUA	<i>Office of Air Traffic Systems Development</i> <i>Director, William Voss, 493-0237</i>
AAR	<i>Office of Aviation Research</i> <i>Director, Herman Rediess, Ph.D., 358-5236</i>
AND	<i>Office of Communications, Navigation, & Surveillance Sys.</i> <i>Director, Carl McCullough, 267-3555</i>
ASD	<i>Office of System Architecture and Investment Analysis</i> <i>Director, John A. Scardina, 358-5238</i>
ABZ	<i>Office of Business Management</i> <i>Director, Lauraline Gregory, 267-3616</i>

Duty Officer (202) 267-3333

FAA Officials

Major Field Organizations

Routing Symbol	Officials
AAL	Alaskan Region, Regional Administrator Patrick N. Poe, 907-271-5645 222 West 7th Avenue, Box 14 Anchorage, Alaska 99513-7587 Duty Officer, 907-271-5936
ACE	Central Region, Regional Administrator John E. Turner, 816-329-3050 901 Locust Kansas City, Missouri 64106 Duty Officer, 816-329-3000
ACT	William J. Hughes Technical Center, Director Anne Harlan, 609-485-6641 Atlantic City International Airport New Jersey 08405 Duty Officer, 609-485-6482
AEA*	Eastern Region, Regional Administrator Arlene B. Feldman, 718-553-3000 1 Aviation Plaza 159-30 Rockaway Blvd. Jamaica, New York 11434-4809 Duty Officer, 718-553-3100
AGL	Great Lakes Region, Regional Administrator Cecelia Hunziker, 847-294-7294 2300 East Devon Avenue Des Plaines, Illinois 60018 Duty Officer, 847-294-8400
AMC	Mike Monroney Aeronautical Center, Director Lindy Ritz, 405-954-4521 6500 South MacArthur Oklahoma City, Oklahoma 73125 Duty Officer, 405-954-3583

FAA Officials

Major Field Organizations--(Cont.)

Routing Symbol	Officials
ANE	New England Region, Regional Administrator Robert S. Bartanowicz, 781-238-7020 12 New England Executive Park Burlington, Massachusetts 01803 Duty Officer, 781-238-7001
ANM	Northwest Mountain Region, Regional Administrator Larry Andriesen, 425-227-2001 1601 Lind Avenue, S.W. Renton, Washington 98055-4056 Duty Officer, 425-227-2000
ASO	Southern Region, Regional Administrator Carolyn Blum, 404-305-5000 1701 Columbia Avenue College Park, Georgia 30337 Duty Officer, 404-305-5180
ASW	Southwest Region, Regional Administrator Ruth Leverenz (Actg.), 817-222-5001 2601 Meacham Blvd. Ft. Worth, Texas 76137-4298 Duty Officer, 817-222-5006
AWP	Western-Pacific Region, Regional Administrator William C. Withycombe, 310-725-3550 15000 Aviation Boulevard Hawthorne, California 90261 Duty Officer, 310-725-3300

FAA Officials

International Area Offices

Routing Symbol	Officials
AEU	Europe, Africa, & Middle East Area Office, Director Lynne A. Osmus, 011.32.2.508.2700 American Embassy, Brussels PSC 82 Box 002 APO AE 09724-1011
ALC	Latin America & Caribbean Area Office, Director Joaquin Archilla, 305-716-3300 8600 NW 36th Street Miami, FL 33166
APC	Asia-Pacific Area Office, Director Eugene Ross Hamory, 011.65.543.1466 American Embassy 27 Napier Road Singapore 258508

FAA STRATEGIC PLAN

SAFETY

GOAL: *By 2007, reduce U.S. aviation fatal accident rates by 80% from 1996 levels.*

Outcome Measures:

Fatal Aircraft Accident Rate: By 2007, reduce the U.S. aviation fatal accident rate per aircraft departure, as measured by a three-year moving average, by 80 percent from the three-year average of 1994-96.

Overall Aircraft Accident Rate: Reduce the rate per aircraft departure.

Fatalities and Losses by Type of Accident: Reduce the number and type of fatalities and losses from accidents that occur for each major type of accident.

Occupant Risk: Reduce the risk of mortality to a passenger or flight crew member on a typical flight.

Strategic Focus Areas:

Regulatory Reform: Implement a regulatory process that is timely, responsive, and consistently applied.

Safety information Sharing and Analysis: Develop partnerships with the aviation community to share data and information supporting safe, secure aviation.

Surveillance/Inspection: Develop new approaches to working with others on inspection and surveillance and targeting FAA resources where they will do the most good.

As of 3/31/99

Source: APO-120
267-3220

Accident Prevention: Based on detailed root cause analysis, prevent accidents before they happen through appropriate, targeted, systematic interventions in the aviation system.

Security

GOAL: Prevent security incidents in the aviation system.

Outcome Measures:

Explosive Device and Weapons Detection: Increase ability to detect improvised explosive devices (through use of simulants) and weapons with no significant increase in operational impact - in checked and carry-on baggage and on the person.

Compliance with Security Requirements: Increase as measured by compliance audits.

Risk and Vulnerability at Airports and Airway Facilities: Reduce as measured by risk assessments.

Strategic Focus Areas:

New Security Baseline: Continue to improve the baseline security system for civil aviation.

Performance and Procedures: Maximize the performance capability of people working in security for air carriers and airport operators and at FAA facilities.

Information Security Architecture: Develop a systematic information security architecture that describes the future NAS information security system FAA will build toward.

SYSTEM EFFICIENCY

GOAL: Provide an aerospace transportation system that meets the needs of users and is efficient in the application of FAA and aerospace resources.

Outcome Measures:

System Flexibility: Reduce total number of published ATC preferential routes by 7%.

User Access: Reduce the average call waiting times for Automated Flight Service Stations (AFSS) by 20%.

System Delays: Reduce the rates of volume and equipment related delays by 20%.

Strategic Focus Areas:

NAS Modernization: Using the NAS Architecture as the guideline, continually refine and update the NAS to achieve efficient aerospace systems and operations.

Free Flight: Within safety consideration, work toward giving aircraft the opportunity to fly in the way that gives them the most benefit as they define it.

Systems Integration: Integrate airport and commercial space requirements into NAS planning and architecture.

ENABLING GOALS:

People: The Foundation of Accomplishment

Provide a model work environment supporting the productive, diverse, and highly skilled workforce needed to carry out the FAA mission into the twenty-first century. To accomplish this, FAA will focus on:

Intellectual Capital

Managing the Diverse Work Force

Quality of Work Life

Reform: The Framework for Accomplishment

Fundamentally change the way the FAA operates by implementing personnel and acquisition reform and pursuing financial reform. FAA will focus on:

Acquisition Reform

Personnel Reform

Financial Reform

The Environment: Our Responsibility

Address what may represent the single greatest challenge to the continued growth and prosperity of civil aerospace as we enter the twenty first century, focusing on:

Understanding Aerospace Environmental Impacts

Reducing Aerospace Environmental Impacts of FAA Activities

Quantify and Mitigate Environmental Impacts of FAA Activities

Global Leadership: Commitment to Worldwide Improvements

Improve safety, security and system efficiency globally through:

International Safety Oversight

Global Safety Action Plan

Global CNS/ATM Development and Implementation

International Regulatory Harmonization

NOTES

FAA VALUES

We Believe in

- ☆ *Trust*
- ☆ *Integrity*
- ☆ *Honesty*
- ☆ *Involvement*
- ☆ *Teamwork*
- ☆ *Diversity*
- ☆ *Respect*

We Are Committed To

- ☆ *Responsiveness*
- ☆ *Quality*
- ☆ *Timeliness*
- ☆ *Fiscal Responsibility*
- ☆ *Accountability*
- ☆ *Communication*

We Will Achieve These Values By

- ☆ *Giving people what they need, then letting them do their jobs.*
- ☆ *Making timely decisions at the lowest level and respecting them.*
- ☆ *Committing our best to our customers.*
- ☆ *Valuing our people.*
- ☆ *Being open to new ideas.*
- ☆ *Speaking out for what we believe, even when it is unpopular.*
- ☆ *Recognizing each person's contributions and realizing each person's full potential.*
- ☆ *Collaborating across organizations.*
- ☆ *Taking pride in what we do.*